



SECTION THRU PIER

Scale: $\frac{3}{16}$ " = 1'-0"

* 2A or 6'-0", whichever is greater, with a maximum of 12'-0".

Notes:

1. Refer to General Plan for any excavation requirements.
2. Place bags flush with face of footing.
3. All bags shall be 1 ft. max. thick, 3 ft. max. wide, and 4 ft. max. length.
4. Top of grout bags shall be 1 ft. min. above bottom of footing.
5. Refer to sheet 5 of 7 for plan view of grout bag installation at pier.

APPROVAL	
<i>E.S. Friedman</i> DIRECTOR OFFICE OF STRUCTURES	
DATE: 11/6/96	
REVISIONS	
SHA	FHWA
8-5-08	.
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.	.

FHWA APPROVAL
DATE:

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

GROUT BAG SECTION
CASE WHERE SCOUR POTENTIAL EXISTS
AT PIER

STANDARD NO. BR-SR(0.09)-96-316

SHEET 4 OF 7

STRUCTURAL REPAIRS